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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	9046-058-999	Total Pages	37
	First Named Inventor or Application Identifier			
	Zhaowei LIU			
	Express Mail Label No.			

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapters 600 concerning utility patent application contents.</i>	<b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Mail Stop PATENT APPLICATION</b> <b>Alexandria, VA 22313-1450</b>
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1. ☐ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims Small Entity status, see 37 C.F.R. § 1.27
3. ☒ Specification [Total Pages 28 ]  
(preferred arrangement set forth below, MPEP 1503.01)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description of the Invention (including drawings, if filed)
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 7 ]
5. ☒ Declaration of Inventors (Unexecuted) [Total Sheets 2 ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or it's equivalent
17. ☐ Other:

**18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**

- ☒ Claims priority to U.S. Provisional Application Nos. 60/395,614, filed July 15, 2002 and 60/396,006, filed July 16, 2002. The present application is also a continuation of U.S. Application No. 10/287,826, filed November 5, 2002, which claims priority to international application no. PCT/US01/274401, filed September 4, 2001, which claims priority to U.S. Provisional Application No. 60/229,302, filed September 1, 2000.


Prior application information:

Examiner:

Group Art Unit:

The entire disclosure of all prior applications is considered a part of the disclosure of the accompanying continuation application and is hereby incorporated by reference.

#### 19. CORRESPONDENCE ADDRESS

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18334 U.S. PTO  
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PENNIE & EDMONDS LLP  
COUNSELLORS AT LAW  
1667 K Street, N.W.  
Washington, D.C. 20006

ATTORNEY DOCKET NO. 9046-058-999

Date: July 16, 2003

Mail Stop PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Zhaowei LIU

Unexecuted

Title of Invention: METHOD AND SYSTEM FOR COMPARATIVE GENOMICS FOR  
ORGANISMS USING TEMPERATURE GRADIENT ELECTROPHORESIS

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	53	- 20	33	\$18.00 each	\$ 594
Independent	6	- 3	3	\$84.00 each	\$ 252
Minimum Fee					\$ 750
Multiple Dependency Fee					\$ 0
If Applicable (\$280.00)					\$ 0
Total					\$ 1596
Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					\$ 0
Total Filing Fee					\$ 1596

- ☐ **DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- ☒ Priority of Provisional Application Nos. 60/395,414 filed on July 15, 2002 and 60/396,006, filed July 16, 2002 is claimed under 35 U.S.C. § 119(e). The present application is also a continuation of U.S. Application No. 10/287,826, filed November 5, 2002, which claims priority to international application no. PCT/US01/274401, filed September 4, 2001, which claims priority to U.S. Provisional Application No. 60/229,302, filed September 1, 2000.
- ☐ The certified copy of the priority application has been filed in application no. filed on .
- ☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed on .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

Julius C. Fister  
For Victor N. Balancia  
PENNIE & EDMONDS LLP

Reg. No. 46,702  
Reg. No. 31,231

Enclosures

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.